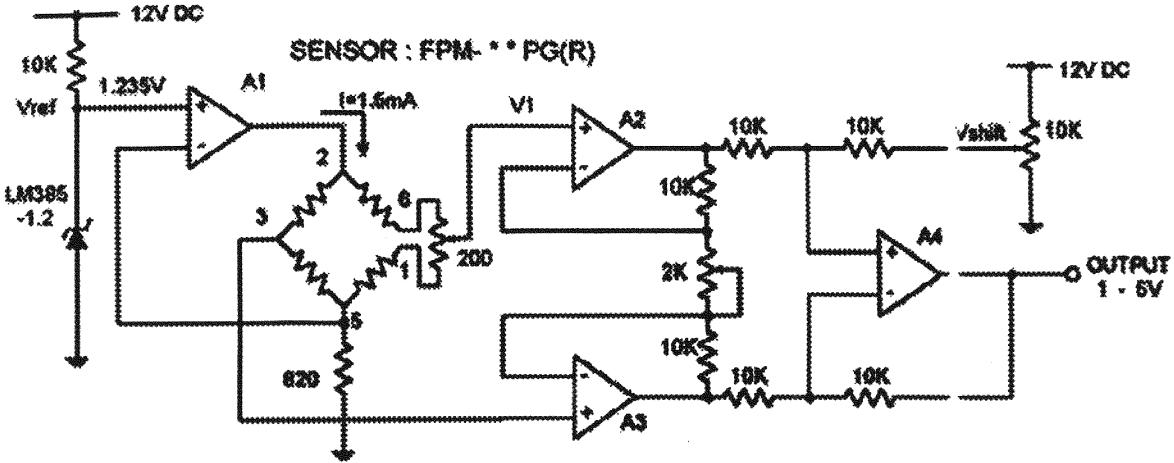
Servoflo CORPORATION

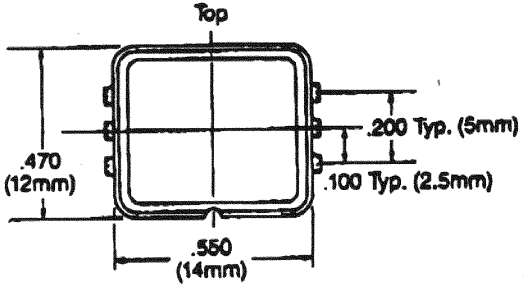
Product Specifications

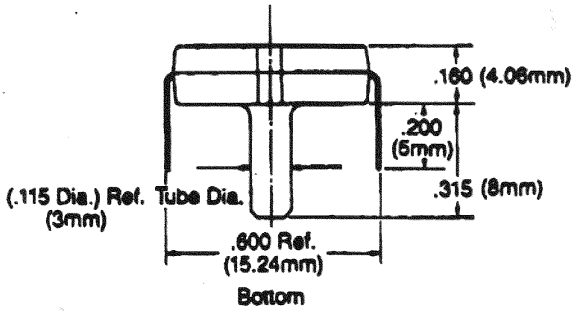
Fujikura FPM-07PG
Low Cost "Blue Dot" Pressure Sensor

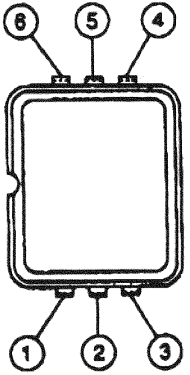
Pressure Range:	0 - 7psi
Maximum Load Pressure:	1.5 Times Rated Pressure
Input Excitation:	1.5 mA
Bridge Resistance:	5,000 Ohms ± 1,000 Ohms
Span Output:	60 - 140 mV
Zero Offset:	± 20 mV
Zero Output Temperature Error (TSO):	± 5% of Span (0°C to 50°C)
Span Output Temperature Error (TCS):	2.5% of Span (0°C to 50°C)
Accuracy:	± 0.5% Full Scale
Operating Temperature Range:	-20°C to 100°C
Compensated Temperature Range:	0°C to 50°C
Media Compatibility:	Non-corrosive gases and liquids


12V DC
SENSOR : FPM- * * PG(R)
10K
Vref
1.235V
A1
I=1.6mA
LM385
-1.2
2
3
6
1
200
5
820
V1
A2
10K
10K
2K
10K
A3
10K
10K
12V DC
Vshift
10K
A4
OUTPUT
1 - 5V

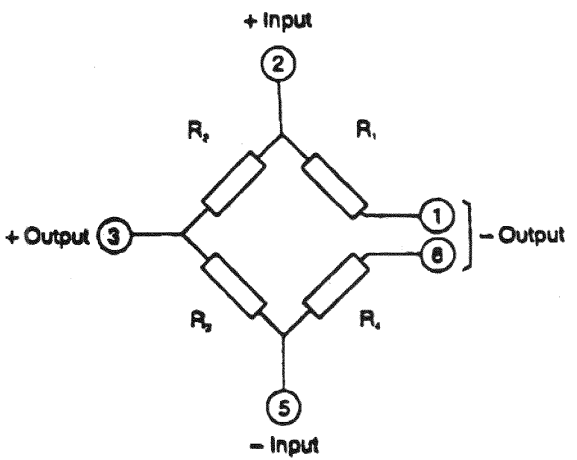
Package Dimensions







Top View



Pin Connection Diagram